

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended) A recommended program notification method of notifying a user of a recommended program, comprising the steps of:

inputting a user's instruction including a recommendation control instruction;

storing attributes of program contents;

storing a profile that is information indicating preference of the user;

extracting a recommended program, based on the stored content attributes and the stored profile, when the recommendation control instruction is not input;

detecting notification timing with which a notification of the recommended program, which has been extracted in the recommended program extracting step, is performed, when the recommendation control instruction is not input;

displaying a notification screen indicating the existence of the recommended program when the notification timing is detected; and

generating, for each recommended program, as a recommendation reason, an extraction condition for the recommended program which has been extracted based on the profile information and the content attributes in said extracting step,

wherein in said displaying step, the notification screen also includes the generated recommendation reason.

Claim 2 (Currently Amended) The recommended program notification method according to claim 1, wherein ~~the notification timing~~ said detecting step detects timing with which a recommended program starts, as the notification timing.

Claim 3 (Currently Amended) The recommended program notification method according to claim 1, wherein ~~the notification timing~~ said detecting step detects timing with which selected stations are changed, as the notification timing.

Claim 4 (Currently Amended) The recommended program notification method according to claim 1, where ~~the notification timing~~ said detecting step detects timing with which a channel display starts, as the notification timing.

Claim 5 (Original) The recommended program notification method according to claim 4, further comprising erasing the notification screen when the channel display is ended.

Claim 6 (Original) The recommended program notification method according to claim 5, wherein the channel display starts and ends, depending on an input channel display control instruction.

Claim 7 (Original) The recommended program notification method according to claim 1, further comprising displaying a list screen indicating a list of recommended programs when the recommendation control instruction is input while the notification screen is being displayed.

Claim 8 (Original) The recommended program notification method according to claim 1, further comprising displaying a video of a recommended program when the recommendation control instruction is input while the notification screen is being displayed.

Claim 9 (Original) The recommended program notification method according to claim 1, further comprising erasing the notification screen when a predetermined time has elapsed while the notification screen is being displayed.

Claim 10 (Original) The recommended program notification method according to claim 1, further comprising erasing the notification screen when an instruction other than the recommendation control instruction is input while the notification screen is being displayed.

Claim 11 (Original) The recommended program notification method according to claim 1,

further comprising changing an information amount of a recommended program included in the notification screen when the recommendation control instruction is input.

Claim 12 (Original) The recommended program notification method according to claim 11, wherein as the information amount changing step, the following steps are included:
displaying a list screen indicating a list of recommended programs when the recommendation control instruction is input while the notification screen is not being displayed;
erasing the notification screen and displaying the list screen when the recommendation control instruction is input while the notification screen is being displayed; and
erasing the list screen and displaying a video of a recommended program when the recommendation control instruction is input while the list screen is being displayed.

Claim 13 (Original) The recommended program notification method according to claim 12, wherein the notification screen is an icon which is overlaid and displayed on a program video.

Claim 14 (Original) The recommended program notification method according to claim 11, wherein as the information amount changing step, the following steps are included:
displaying a list screen indicating a list of recommended programs when the recommendation control instruction is input while the notification screen is not being displayed;
erasing the notification screen and displaying a simple list screen having a less information amount than that of the list screen when the recommendation control instruction is input while the notification screen is being displayed;
erasing the simple list screen and displaying the list screen when the recommendation control instruction is input while the simple list screen is being displayed; and
erasing the list screen and displaying a video of a recommended program when the recommendation control instruction is input while the list screen is being displayed.

Claim 15 (Original) The recommended program notification method according to claim 14,

wherein the notification screen is an icon which is overlaid and displayed on a program video,
and

the simple list screen is a window which is overlaid and displayed on a program video.

Claim 16 (Canceled)

Claim 17 (Previously Presented) The recommended program notification method according to claim 1, wherein the recommendation reason is any one of frequent viewing of a program, appearance of a specific performer in a program, belonging of a program to a specific genre, and inclusion of a specific character string in a document accompanying a program.

Claim 18 (Previously Presented) The recommended program notification method according to claim 1, wherein the notification screen is any one of an icon overlaid and displayed on a program video, a window overlaid and displayed on a program video, and a list screen indicating a list of recommended programs.

Claim 19 (Currently Amended) A recommended program notification device of notifying a user of a recommended program, comprising:

a displaying means ~~ef~~for displaying a program video;

an inputting means for inputting a user's instruction including a recommendation control instruction;

a storing means for storing attributes of program contents;

a storing means for storing a profile that is information indicating preference of the user;

an extracting means for extracting a recommended program, based on the stored content attributes and the stored profile, when the recommendation control instruction is not input;

a controlling means ~~ef~~for controlling a content displayed on ~~the said~~ displaying means based on an instruction input using ~~the said~~ inputting means; and

a timing detecting means ~~ef~~for detecting notification timing with which a notification of

a recommended program, which has been extracted by said extracting means, is performed, when the recommendation control instruction is not input; and

a generating means for generating, for each recommended program, as a recommendation reason, an extraction condition for the recommended program which has been extracted based on the profile information and the content attributes by said extracting means,

wherein ~~the said~~ controlling means controls ~~the said~~ displaying means to display a notification screen indicating the existence of a recommended program when the notification timing is detected by ~~the said~~ timing detecting means; to select each recommendation condition, which corresponds to the recommended program, to be displayed from among a plurality of recommendation conditions; to generate each recommendation reason, which corresponds to the recommended program, from each selected recommendation condition; and to cause the generated recommendation condition and recommendation reason, which corresponds to the recommended program, to be included in the notification screen.

Claim 20 (Currently Amended) The recommended program notification device according to claim 19, wherein ~~the said~~ timing detecting means detects timing with which a recommended program starts, as the notification timing.

Claim 21 (Currently Amended) The recommended program notification device according to claim 19, wherein ~~the said~~ timing detecting means detects timing with which selected stations are changed, as the notification timing.

Claim 22 (Currently Amended) The recommended program notification device according to claim 19, where ~~the notification timing~~ said timing detecting means detects timing with which a channel display starts, as the notification timing.

Claim 23 (Currently Amended) The recommended program notification device according to claim 22, wherein ~~the said~~ controlling means controls ~~the said~~ displaying means to erase the

notification screen when the channel display is ended.

Claim 24 (Original) The recommended program notification device according to claim 23, wherein the channel display starts and ends, depending on an input channel display control instruction.

Claim 25 (Currently Amended) The recommended program notification device according to claim 19, wherein ~~the~~said controlling means controls ~~the~~said displaying means to display a list screen indicating a list of recommended programs when the recommendation control instruction is input while the notification screen is being displayed.

Claim 26 (Currently Amended) The recommended program notification device according to claim 19, wherein ~~the~~said controlling means controls ~~the~~said displaying means to display a video of a recommended program when the recommendation control instruction is input while the notification screen is being displayed.

Claim 27 (Currently Amended) The recommended program notification device according to claim 19, wherein ~~the~~said controlling means controls ~~the~~said displaying means to erase the notification screen when a predetermined time has elapsed while the notification screen is being displayed.

Claim 28 (Currently Amended) The recommended program notification device according to claim 19, wherein ~~the~~said controlling means controls ~~the~~said displaying means to erase the notification screen when an instruction other than the recommendation control instruction is input while the notification screen is being displayed.

Claim 29 (Currently Amended) The recommended program notification device according to claim 19, wherein ~~the~~said controlling means changes an information amount of a recommended

program included in the notification screen when the recommendation control instruction is input.

Claim 30 (Currently Amended) The recommended program notification device according to claim 29, wherein ~~the said~~ controlling means controls ~~the said~~ displaying means to display a list screen indicating a list of recommended programs when the recommendation control instruction is input while the notification screen is not being displayed;

~~the said~~ controlling means controls ~~the said~~ displaying means to erase the notification screen and display the list screen when the recommendation control instruction is input while the notification screen is being displayed; and

~~the said~~ controlling means controls ~~the said~~ displaying means to erase the list screen and display a video of a recommended program when the recommendation control instruction is input while the list screen is being displayed.

Claim 31 (Original) The recommended program notification device according to claim 30, wherein the notification screen is an icon which is overlaid and displayed on a program video.

Claim 32 (Currently Amended) The recommended program notification device according to claim 29, wherein ~~the said~~ controlling means controls ~~the said~~ displaying means to display a list screen indicating a list of recommended programs when the recommendation control instruction is input while the notification screen is not being displayed;

~~the said~~ controlling means controls ~~the said~~ displaying means to erase the notification screen and display a simple list screen having a less information amount than that of the list screen when the recommendation control instruction is input while the notification screen is being displayed;

~~the said~~ controlling means controls ~~the said~~ displaying means to erase the simple list screen and display the list screen when the recommendation control instruction is input while the simple list screen is being displayed; and

the said controlling means controls ~~the~~ said displaying means to erase the list screen and display a video of a recommended program when the recommendation control instruction is input while the list screen is being displayed.

Claim 33 (Original) The recommended program notification device according to claim 32, wherein the notification screen is an icon which is overlaid and displayed on a program video, and

the simple list screen is a window which is overlaid and displayed on a program video.

Claim 34 (Canceled)

Claim 35 (Previously Presented) The recommended program notification device according to claim 19, wherein the recommendation reason is any one of frequent viewing of a program, appearance of a specific performer in a program, belonging of a program to a specific genre, and inclusion of a specific character string in a document accompanying a program.

Claim 36 (Previously Presented) The recommended program notification device according to claim 19, wherein the notification screen is any one of an icon overlaid and displayed on a program video, a window overlaid and displayed on a program video, and a list screen indicating a list of recommended programs.

Claim 37 (Previously Presented) A computer recordable recording medium recording a program for causing a computer to execute the recommended program notification method according to claim 1.

Claim 38 (Canceled)

Claim 39 (Currently Amended) A computer recordable storage medium recording a

program that causes a program notification device to perform steps for notifying a user of a recommended program, the steps comprising:

- displaying a program video;

- inputting a user's instruction including a recommendation control instruction;

- storing attributes of program contents;

- storing a profile that is information indicating preference of the user;

- extracting a recommended program, based on the stored content attributes and the stored profile, when the recommendation control instruction is not input;

- controlling a content displayed based on an instruction input; and

- detecting notification timing with which a notification of a recommended program, which has been extracted in said extracting step, is performed, when the recommendation control instruction is not input;

- selecting each recommendation condition, which corresponds to the recommended program, to be displayed from among a plurality of recommendation conditions;

- generating, for each recommended program, as a recommendation reason, an extraction condition for each recommendation reason, which corresponds to the recommended program which has been extracted based on the profile information and the content attributes in said extracting step, ~~from each selected recommendation condition;~~ and

- causing the selected ~~generated~~ recommendation condition, which corresponds to the recommended program, to be included in the a notification screen,

- wherein the notification screen also includes the generated recommendation reason.